



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2663 2739  
#8  
S. Sand  
4/30/03

Applicant: Joffe, Alexander; Vshetsky, Dmitry  
Assignee: Applied Micro Circuits Corporation  
Title: Systems And Methods For Multi-Tasking, Resource Sharing And Execution Of Computer Instructions  
Serial No.: 09/458,551 Filing Date: December 9, 1999  
Examiner: Unknown Group Art Unit: 2739  
Docket No.: M-5648-1D US

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APR 09 2003

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Technology Center 2600

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

Sir:

The above-identified assignee hereby revokes all powers of attorney previously given and appoints the attorney(s) and/or agent(s) associated with the customer number identified below to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

**Customer No. 32605**

Please address all telephone calls regarding this application to:

Michael Shenker  
Reg. No. 34,250  
Phone: (408) 392-9250  
Fax: (408) 392-9262

**ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)**

The undersigned representatives of the above-identified assignees certify that they are the assignees of the entire right, title and interest in the above-identified patent application/patent by virtue of a chain of title from the inventor(s) of the above-identified patent application/patent to the above-identified assignees as shown below:

- |                           |                        |
|---------------------------|------------------------|
| 1. From: Alexander Joffe  | To: MMC Networks, Inc. |
| 2. From: Dmitry Vhshetsky | To: MMC Networks, Inc. |

The document was recorded in the United States Patent and Trademark Office at Reel 9129, Frame 0095.

- |                             |  |
|-----------------------------|--|
| 3. From: MMC Networks, Inc. | To: AMCC Switching & Network<br>Processing Corporation |
|-----------------------------|--|

A copy of the document is attached.

- |   |  |
|---|--|
| 4. From: AMCC Switching &<br>Network Processing Corp. | To: Applied Micro Circuits Corporation |
|---|--|

A copy of the document is attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

Date: 3/27/03

Applied Micro Circuits Corporation

By:   
(Signature)

Name:  
Title:

AUG-15-2001 16:15 FROM CT CORPORATION SYSTEM

TO WIL. FILING

P. 02/02

**CERTIFICATE OF AMENDMENT OF  
AMENDED AND RESTATED CERTIFICATE OF INCORPORATION  
OF  
MMC NETWORKS, INC.**

MMC NETWORKS, INC., a corporation organized and existing under the laws of the State of Delaware (the "Corporation"), does hereby certify:

**FIRST:** The name of the Corporation is MMC Networks, Inc.

**SECOND:** The original Certificate of Incorporation of the Corporation was filed with the Secretary of State of the State of Delaware on August 11, 1997.

**THIRD:** The Board of Directors of the Corporation, acting in accordance with the provisions of Sections 141 and 242 of the General Corporation Law of the State of Delaware, adopted resolutions amending its Amended and Restated Certificate of Incorporation as follows:

Paragraph **FIRST** shall be amended to read in its entirety as follows:

**FIRST**

"The name of the corporation is AMCC Switching & Network Processing Corporation."

**FOURTH:** The latter, pursuant to a resolution of the Board of Directors, this Certificate of Amendment was submitted to the sole stockholder of the Corporation for its approval, and was duly adopted by written consent in accordance with the provisions of Sections 228 and 242 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, the Corporation has caused this Certificate of Amendment to be signed by its President and Chief Executive Officer this 15th day of August, 2001.

/s/William E. Bendush

William E. Bendush  
Chief Financial Officer

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STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 04:30 PM 08/15/2001  
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*State of Delaware*  
*Office of the Secretary of State* PAGE 1

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I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "MMC NETWORKS, INC.", CHANGING ITS NAME FROM "MMC NETWORKS, INC." TO "AMCC SWITCHING & NETWORK PROCESSING CORPORATION", FILED IN THIS OFFICE ON THE FIFTEENTH DAY OF AUGUST, A.D. 2001, AT 4:30 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

2778038 8100

AUTHENTICATION: 1298530

010402921

DATE: 08-16-01

CERTIFICATE OF OWNERSHIP AND MERGER

MERGING

AMCC Switching & Network Processing Corporation,  
a Delaware corporation

INTO

Applied Micro Circuits Corporation,  
a Delaware corporation

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Pursuant to Section 253 of the  
General Corporation Law of the State of Delaware

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Applied Micro Circuits Corporation (the "Company"), a corporation organized and existing under the General Corporation Law of the State of Delaware (the "DGCL"),

DOES HEREBY CERTIFY:

FIRST: That the Company owns all of the outstanding shares of AMCC Switching & Network Processing Corporation, a corporation organized and existing under the DGCL (the "Subsidiary").

SECOND: That the Company, by the following resolutions of its Board of Directors, duly adopted at a meeting held on January 23, 2002, determined to merge the Subsidiary into itself on the terms and conditions set forth in such resolutions such that the Company will be the surviving corporation in the merger:

RESOLVED, that the merger of the Subsidiary with and into the Company be, and it hereby is, authorized, adopted, approved and ratified;

RESOLVED FURTHER, that the officers of the Company be, and each of them hereby is, authorized and directed, for and on behalf of the Company, to enter into and deliver a merger agreement and any exhibits, schedules, financial reports or other agreements related thereto with the Subsidiary in form and substance that any such officer may approve, which approval shall be evidenced conclusively by such officer's execution and delivery of such merger agreement;

RESOLVED FURTHER, that the officers of the Company be, and each of them hereby is, authorized and directed, for and on

behalf of the Company, to cause the Company to perform its obligations under such merger agreement;

**RESOLVED FURTHER**, that the officers of the Company be, and each of them hereby is, authorized and directed, for and on behalf of the Company, to enter into and deliver a Certificate of Ownership and Merger for such merger in form and substance that any such officer may approve, which approval shall be evidenced conclusively by such officer's execution of such Certificate of Ownership and Merger;

**RESOLVED FURTHER**, that the officers of the Company be, and each of them hereby is, authorized and directed, for and on behalf of the Company, to take all action necessary or appropriate to cause the Subsidiary to enter into and deliver the applicable merger agreement with the Company and to perform such Subsidiary's obligations under such merger agreement;

**RESOLVED FURTHER**, that the taking of any action or the execution of any instrument by any officer of the Company in connection with the implementation of any of the transactions contemplated by such merger agreement or Certificate of Ownership and Merger, shall be conclusive of such officer's determination that the same was necessary, desirable and in the best interests of the Company; and

**RESOLVED FURTHER**, that any actions by any officer of the Company previously taken in furtherance of these resolutions be, and they hereby are, ratified and approved.

**IN WITNESS WHEREOF**, this Certificate of Ownership and Merger is hereby executed on behalf of the surviving corporation, Applied Micro Circuits Corporation, by its officer thereunto duly authorized.

Dated as of March 11, 2002

**APPLIED MICRO CIRCUITS CORPORATION**

By: /s/ David Mersten

Name: David Mersten

Title: General Counsel

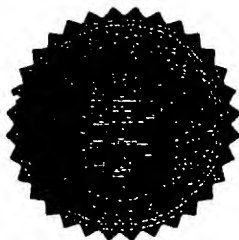
## *The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"AMCC SWITCHING & NETWORK PROCESSING CORPORATION", A DELAWARE CORPORATION,

WITH AND INTO "APPLIED MICRO CIRCUITS CORPORATION" UNDER THE NAME OF "APPLIED MICRO CIRCUITS CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SEVENTH DAY OF JUNE, A.D. 2002, AT 9:01 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

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AUTHENTICATION: 1856876

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DATE: 06-27-02